



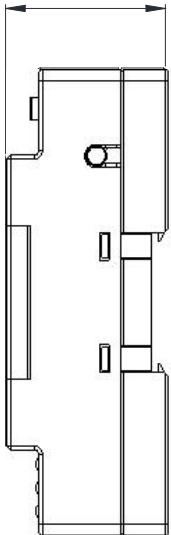
## ECU-C (PLC)

Energy communication unit with advanced functions

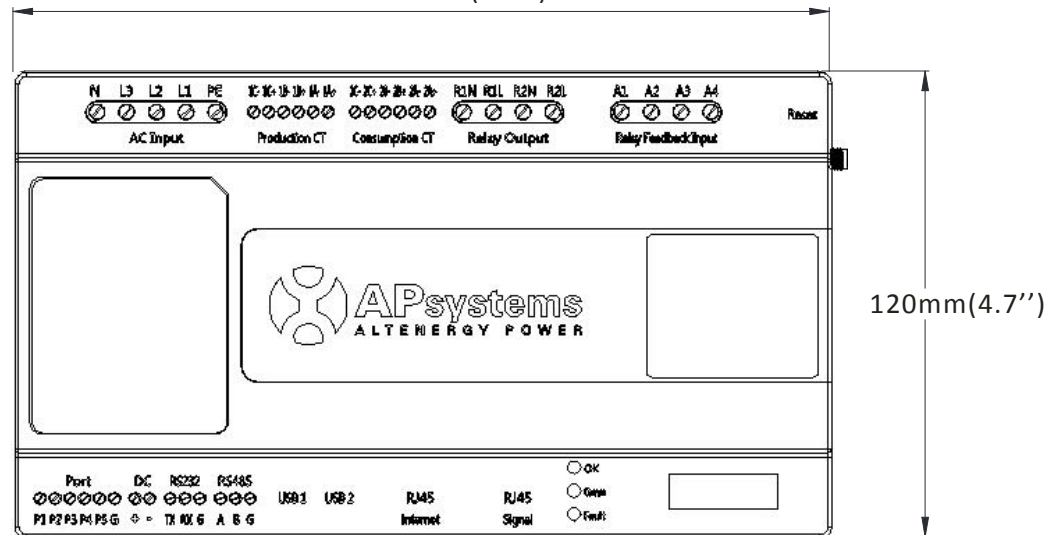
- Electricity data monitoring
- Power grid environment monitoring
- Anti-backflow control
- Relay control
- Built-in WiFi
- Revenue grade meter
- Apply to single phase or three phase system

### DIMENSIONS

41mm(1.6'')



210mm(8.3'')



# ECU-C (PLC) Datasheet

**Model** ECU-C(PLC)

## Communication Interface

Communication Method	PLC(Power Line Communication)
Ethernet	10/100M Auto-sensing, Auto-negotiation
Integrated Wi-Fi	802.11g/n
USB interface	Standard
RS232	Standard
RS485	Standard
RJ45	Standard

## Power Supply

AC Power Supply	110~277VAC, 50~60Hz Single Phase -( 3-Phase Optional)
Power Consumption	3W

## Mechanical Data

Dimensions (W×H×D)	210mm x 120mm x 41mm (8.3'' x 4.7'' x 1.6'')
Weight	500g (1.1lbs)
Ambient Temperature Range	-40°C to +65°C (-40°F to 149°F)
Cooling	Nature convection; No Fans
Enclosure Environmental Rating	Indoor - IP20 (NEMA 1)

## Other Features

Grid Type	Single Phase/ Three Phase
Relay Driver	Control external AC contact or relay
Relay Feedback	Get relay signal, could do anti-backflow control, and energy management
Digital Input	For external control device connection
CT Sensor	Production and consumption metering
Meter Accuracy	Integrated PV production metering (+/- 0.5% via CT) and optional consumption monitoring (+/- 2.5% via CT)

## Compliance

Compliance	IEC/EN61010-1,EN61000-6-1,EN61000-6-2,EN61000-6-3,EN61000-6-4, 2014/30/EU,EN301489-1/-17,EN62479,EN 300328
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